

EU DECLARATION OF CONFORMITY

Manufacturer's Name: SpectraSensors, Inc
Manufacturer's Address: 11027 Arrow Route
Rancho Cucamonga, CA 91730
<https://www.spectrasensors.com/contact/>

Product Name: J22 TDLAS Gas Analyzer
Model Number: J22
Serial Number:

SpectraSensors, Inc. declares under our sole responsibility that this equipment complies and satisfies Essential Health and Safety Requirements (EHSR) relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II of the Directive 2014-34-EU.

Directives: 2014-34-EU, ATEX Directive
2014-30-EU, EMC Directive
2014-35-EU, LVD Directive
2014-65-EU, RoHS₂ Directive
2014-68-EU, PED Directive

Electromagnetic Emissions
2014-30-EU Annex I. a: EN61326 – 1 (2013)

Electromagnetic Immunity
2014-30-EU Annex I. b: EN61326 – 1 (2013)

Compliance with the Essential Health and Safety Requirements has been assured by compliance with the following standards:

EN IEC 60079-0:2018	EN 60079-1:2014+AC:2018-09	EN 60079-11:2012
EN 60079-28:2015	EN ISO 80079-36:2016+AC:2019	

IEC 60079-0:2017	IEC 60079-1:2014-06	IEC 60079-11:2011
IEC 60079-28:2015	ISO 80079-36:2016	

Equipment entries are equipped with accessories certified for the intended use and in accordance with manufacturer's instructions.

EU Type Examination Certification:

CSANe 20ATEX1197X

IECEX SIR 20.0035X

Issued by EU Notified Body: 2813

Issued by UK Certification Body: 0518

This equipment, J22 TDLAS Gas Analyzer, can offer in the following configuration with respective markings:

J22 TDLAS Gas Analyzer



II 2G

Ex db ib op is IIC T4 Gb

-20°C ≤ Ta ≤ +60°C

Type 4X, IP66

J22 TDLAS Gas Analyzer SCS on Panel



II 2G

Ex db ib op is h IIC T4 Gb

-20°C ≤ Ta ≤ +60°C

Type 4X, IP66

J22 TDLAS Gas Analyzer Encl. SCS



II 2G

Ex db ib op is h IIC T4 Gb

-20°C ≤ Ta ≤ +60°C

Type 4X, IP66

J22 TDLAS Gas Analyzer Encl. SCS Heated



II 2G

Ex db ib op is h IIC T3 Gb

-20°C ≤ Ta ≤ +60°C

Type 4X, IP66

SpectraSensors Inc. Production Quality System complies with Annex IV of the Directive and meets the requirements of Annex VII, Product Quality Assurance, and EN ISO/IEC 80079-34:2020.

CE
0081

Signed at:

SpectraSensors Inc.

On:

March 18, 2021

Signature:

Paulo Silva

Director of Certification and Compliance